

**10/578776**  
**JP2004/016915 PCT/PTO 09 MAY 2006**

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q94801

Hiroshi SAKURAI, et al

Appln. No.: National Stage of PCT/JP2004/016915

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: May 9, 2006

Examiner: Unknown

For: CARBON FIBER NONWOVEN FABRIC, AND PRODUCTION METHOD AND USE THEREOF

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

A copy of an International Search Report in a counterpart application is submitted herewith. The USPTO should receive copies of the references cited in the International Search Report from the International Bureau. Applicant will furnish any missing references upon request.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

INFORMATION DISCLOSURE STATEMENT  
Appln. No.: National Stage of PCT/JP2004/016915  
Attorney Docket No. Q94801

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/016915 dated March 1, 2005), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

10/578776

10/578776 PCT/PTO 09 MAY 2006

INFORMATION DISCLOSURE STATEMENT  
Appl. No.: National Stage of PCT/JP2004/016915  
Attorney Docket No. Q94801

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

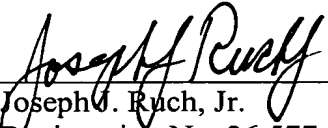
Respectfully submitted,

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Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u></b>  (use as many sheets as necessary)				<i>Complete if Known</i>		
				Application Number	National Stage of PCT JP2004/016915	
				Confirmation Number	Unknown	
				Filing Date	May 9, 2006	
				First Named Inventor	Hiroshi SAKURAI	
				Art Unit	Unknown	
Examiner Name						
Attorney Docket Number	Q94801					
Sheet	1	of	1			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
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		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	1-282325	A	11/14/1989	TORAY INDUSTRIES, INC.	
		JP	2002-285457	A	10/03/2002	OSAKA GAS CO., LTD.	
		WO	98/38140	A	09/30/1998	OSAKA GAS CO., LTD.	
		JP	2646140	B	08/25/1997	PETOCA, LTD.	
		JP	5-195396	A	08/03/1993	PETOCA, LTD.	
		JP	3-8811	A	01/16/1991	PETOCA, LTD.	
		JP	11-335930	A	12/07/1999	PETOCA, LTD.	
		JP	2004-176236	A	06/24/2004	TEIJIN LTD.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		ASAO OYA, "PREPARATION OF THIN CARBON FIBERS FROM PHENOL-FORMALDEHYDE POLYMER MICRO-BEADS DISPERSED IN POLYETHYLENE MATRIX", CARBON 38, 2000, pages 1141-1144	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.